

# MATERIAL SAFETY DATA SHEET

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MSDS # 111603001

## RAID YARD GUARD OUTDOOR FOGGER FORMULA VII

Date Issued: 11Dec2002

Supersedes: 09Feb1998

S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236  
Phone: (800) 428-4795  
Emergency Phone:  
(888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	1	Health	1
3-High	4	Flammability	4
2-Moderate	0	Reactivity	0
1-Slight		Special	
0-Insignificant			

### SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... RAID YARD GUARD OUTDOOR FOGGER FORMULA VII  
REASON FOR CHANGE..... No significant changes.  
PRODUCT USE..... Household: Insecticide

### SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
D-cis trans allethrin (CAS# 584-79-2).....	0.143	NOT ESTABLISHED
Permethrin (CAS# 52645-53-1).....	0.225	NOT ESTABLISHED
Propane (CAS# 74-98-6).....	3-7	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	5-10	NOT ESTABLISHED
Butane (CAS# 106-97-8).....	7-13	800 ppm ACGIH/OSHA TWA
Water (CAS# 7732-18-5).....	65-85	NOT ESTABLISHED

### SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Skin contact. Inhalation.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... None known.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... None known.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

### SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.  
SKIN CONTACT..... Wash contaminated area with water and soap. If irritation persists, get medical attention.  
INHALATION..... No special requirements.  
INGESTION..... No special requirements.

### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)  
FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

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### ----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use  
PROCEDURES caution when approaching or handling fire-exposed containers.  
Fire fighters should wear self-contained breathing apparatus and  
protective clothing.

UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of  
EXPLOSION HAZARDS fire.

### ----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... Dike large spills. Absorb with oil-dri or similar inert  
CASE MATERIAL IS material. Sweep or scrape up and containerize. Do not let  
RELEASED OR SPILLED spilled or leaking material enter watercourse. May be toxic to  
aquatic life.

### ----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... CAUTION: Hazards to humans and animals. Keep out of reach of  
INFORMATION children. Avoid contact with skin, eyes and clothing. Harmful if  
swallowed. Avoid contact with food or drink. Keep away from  
food, foodstuffs and domestic water supplies. CONTENTS UNDER  
PRESSURE. Do not use near open fire, flames or heat. Do not  
puncture or incinerate. Exposure to temperatures above 120 F may  
cause bursting.

OTHER HANDLING AND..... Store in a cool, dry place with adequate ventilation.  
STORAGE CONDITIONS

### ----- SECTION 8 - SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION..... Not applicable.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

EYE PROTECTION..... No special requirements under normal use conditions.

OTHER PROTECTIVE..... Not applicable.  
MEASURES

### ----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR..... Opaque

PRODUCT STATE..... Dispensed as a spray mist.

ODOR..... Mild

pH..... Not available.

ODOR THRESHOLD..... Not available.

SOLUBILITY IN WATER.... Appreciable

SPECIFIC GRAVITY..... 0.83  
(H<sub>2</sub>O=1)

VAPOR DENSITY (AIR=1).. Not applicable.

EVAPORATION RATE (BUTYL Not available.  
ACETATE=1)

VAPOR PRESSURE (mm HG). Not available.

BOILING POINT..... Not applicable.

FREEZING POINT..... Not available.

COEFFICIENT OF..... Not applicable.  
WATER/OIL

PERCENT VOLATILE BY.... Not available.  
VOLUME (%)

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### ----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

VOLATILE ORGANIC..... Hydrocarbon Propellant.  
COMPOUND (VOC)  
THEORETICAL VOC..... 1.98 lb/gal  
(LB/GAL)

### ----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable  
STABILITY - CONDITIONS. No special requirements.  
TO AVOID  
INCOMPATIBILITY..... None known.  
HAZARDOUS DECOMPOSITION When exposed to fire: Produces normal products of combustion.  
PRODUCTS  
HAZARDOUS..... Will not occur.  
POLYMERIZATION  
HAZARDOUS..... Not applicable.  
POLYMERIZATION -  
CONDITIONS TO AVOID

### ----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats).  
LD50 (ACUTE DERMAL TOX) Not available.  
LC50 (ACUTE INHALATION. Not available.  
TOX)  
EFFECTS OF CHRONIC..... None known.  
EXPOSURE  
SENSITIZATION..... None known.  
CARCINOGENICITY..... None known.  
REPRODUCTIVE TOXICITY.. None known.  
TERATOGENICITY..... None known.  
MUTAGENICITY..... None known.

### ----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... This product is toxic to fish. Do not discharge into lakes,  
streams, ponds or public water unless in accordance with an  
NPDES Permit.

### ----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel  
INFORMATION recycling center. Use up package or give to someone who can.

### ----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.  
CANADIAN SHIPPING NAME. RAID YARD GUARD OUTDOOR FOGGER FORMULA VII  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Not applicable.

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### ----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

### ----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.

EPA REGISTRATION #..... 4822-394

### ----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1  
(Manufacturer) for contact information.

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PRINT DATE: 20Dec2002